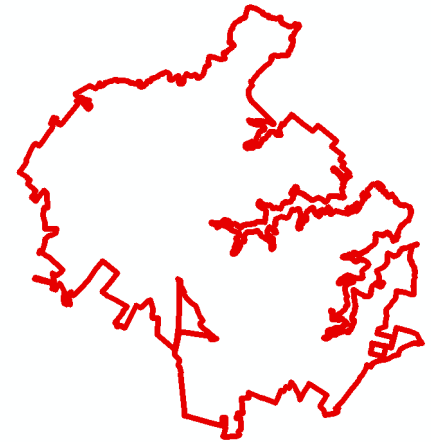


GIS, the Importance of Where in Government Brown Bag Presentation 7/9/2014

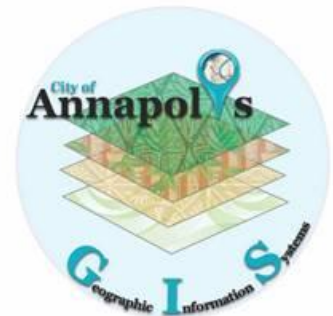


Annapolis 1708



Annapolis 2014

Shawn Wampler, GISP
GIS Coordinator Management Information Technology
swampler@annapolis.gov
410-263-7945



What is GIS?

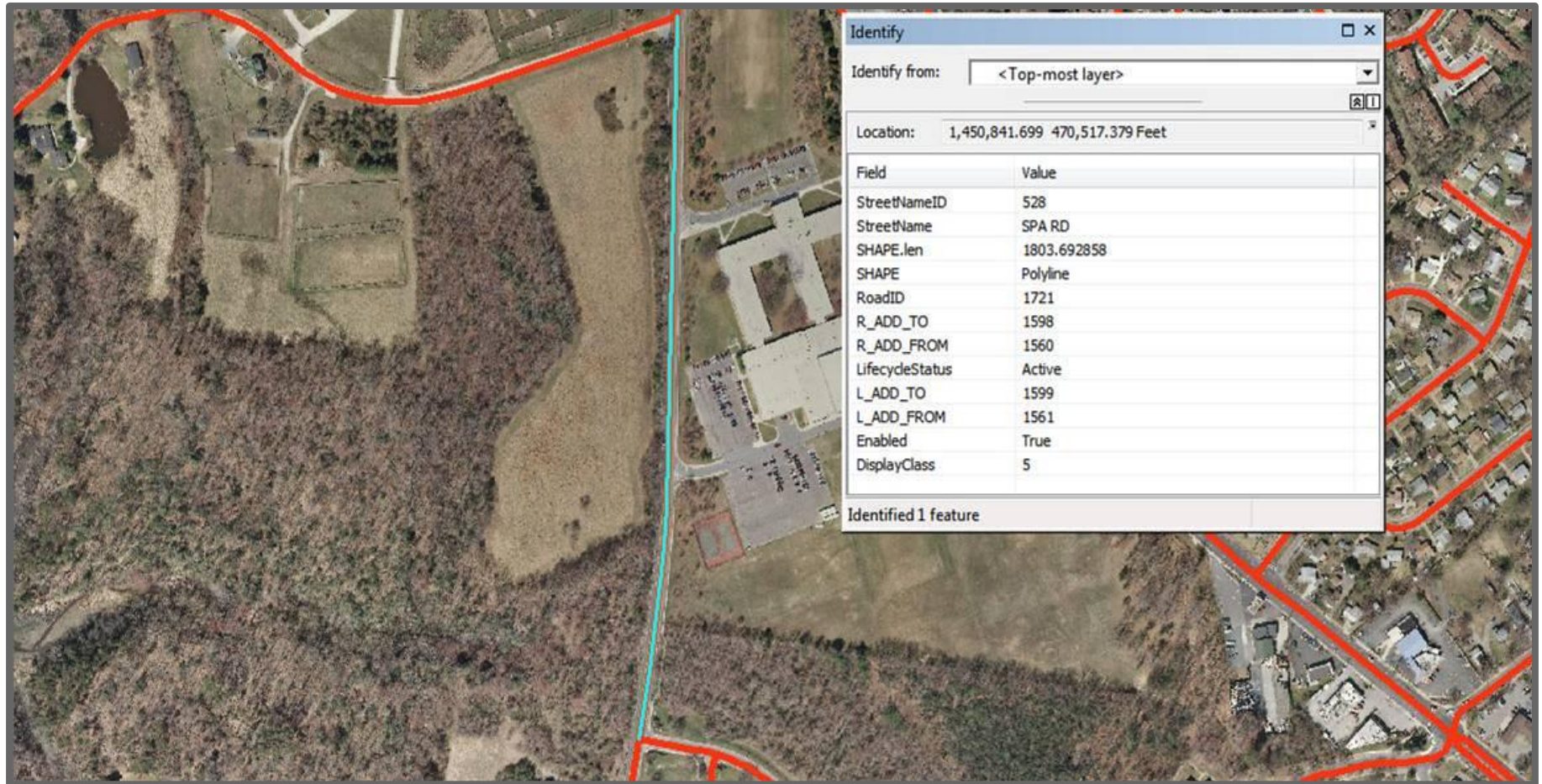
Where?

Why?

How?

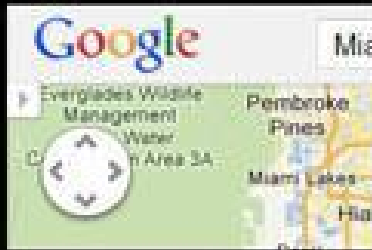


Smart Maps



Joking!
...well at least for some of them!

GIS ANALYST



What my friends think I do.



What my mom thinks I do.



What society thinks I do.



What surveyors think I do.



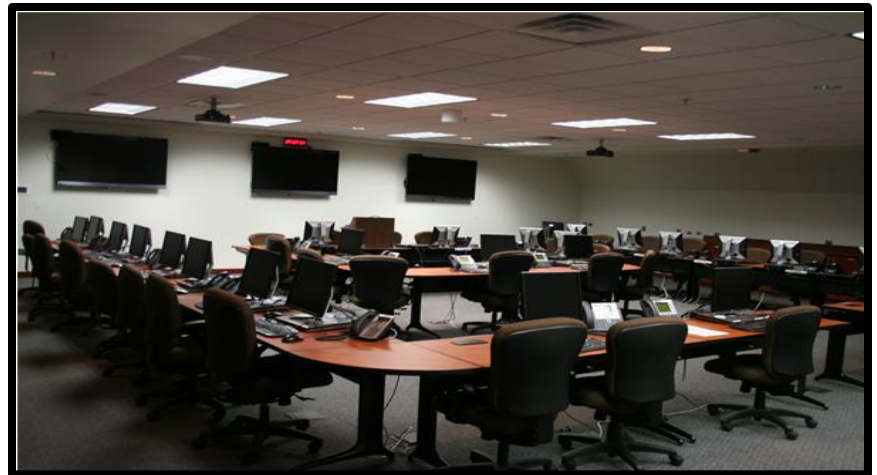
What I think I do.



What I really do.

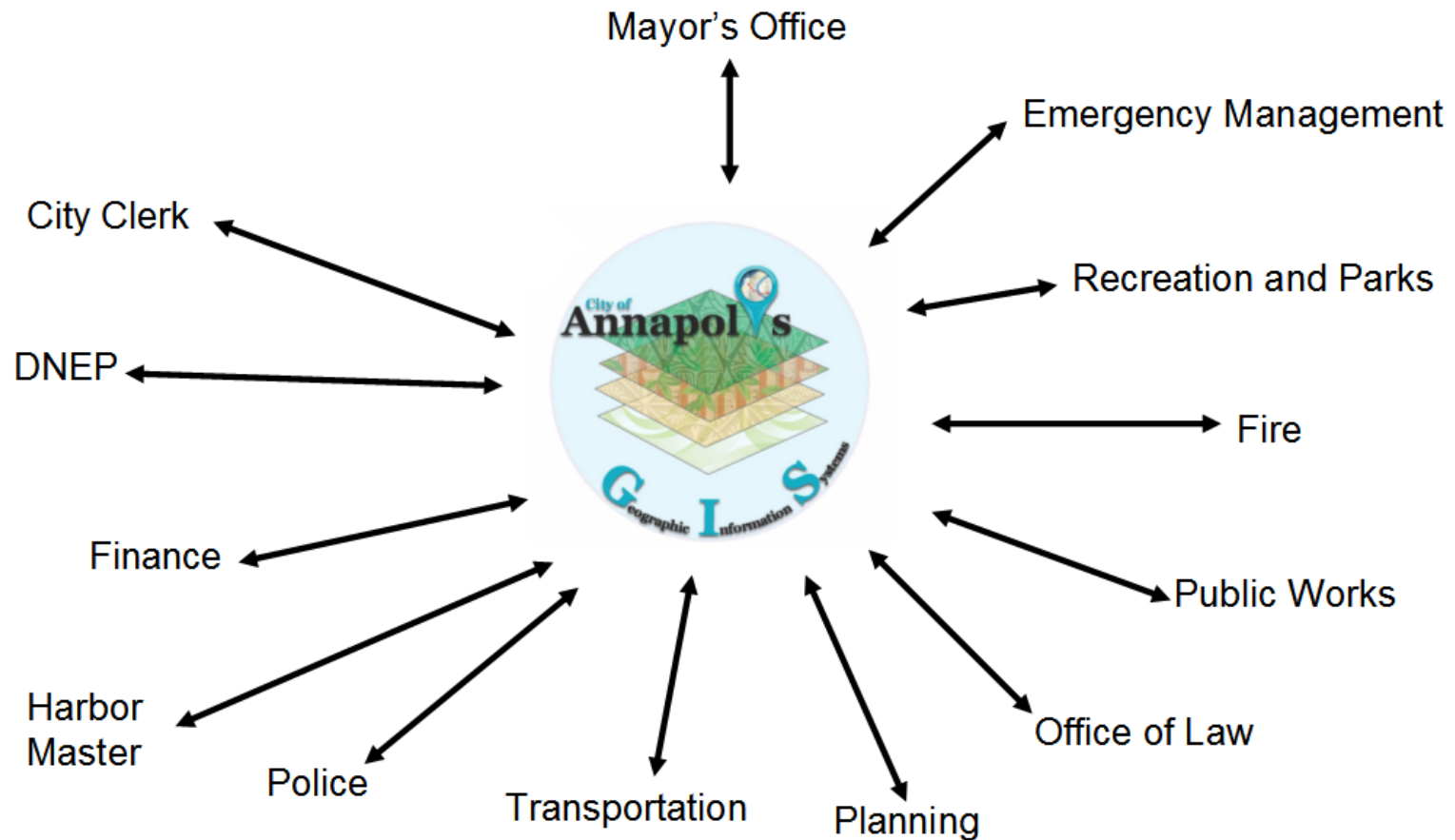
What does MIT GIS Do?

- Maintain/Collect and Update over 145 different data layers
- **Provide Centralized System**
- Responsible for providing system updates, software updates and support for GIS user-base
- Provide ad-hoc mapping and project based GIS support
- Provide support during Emergency Operation Center Activations
- Represent the City in local, regional and State GIS efforts and projects
- Manage City Addressing



What Departments Use GIS?

Just about all of them!

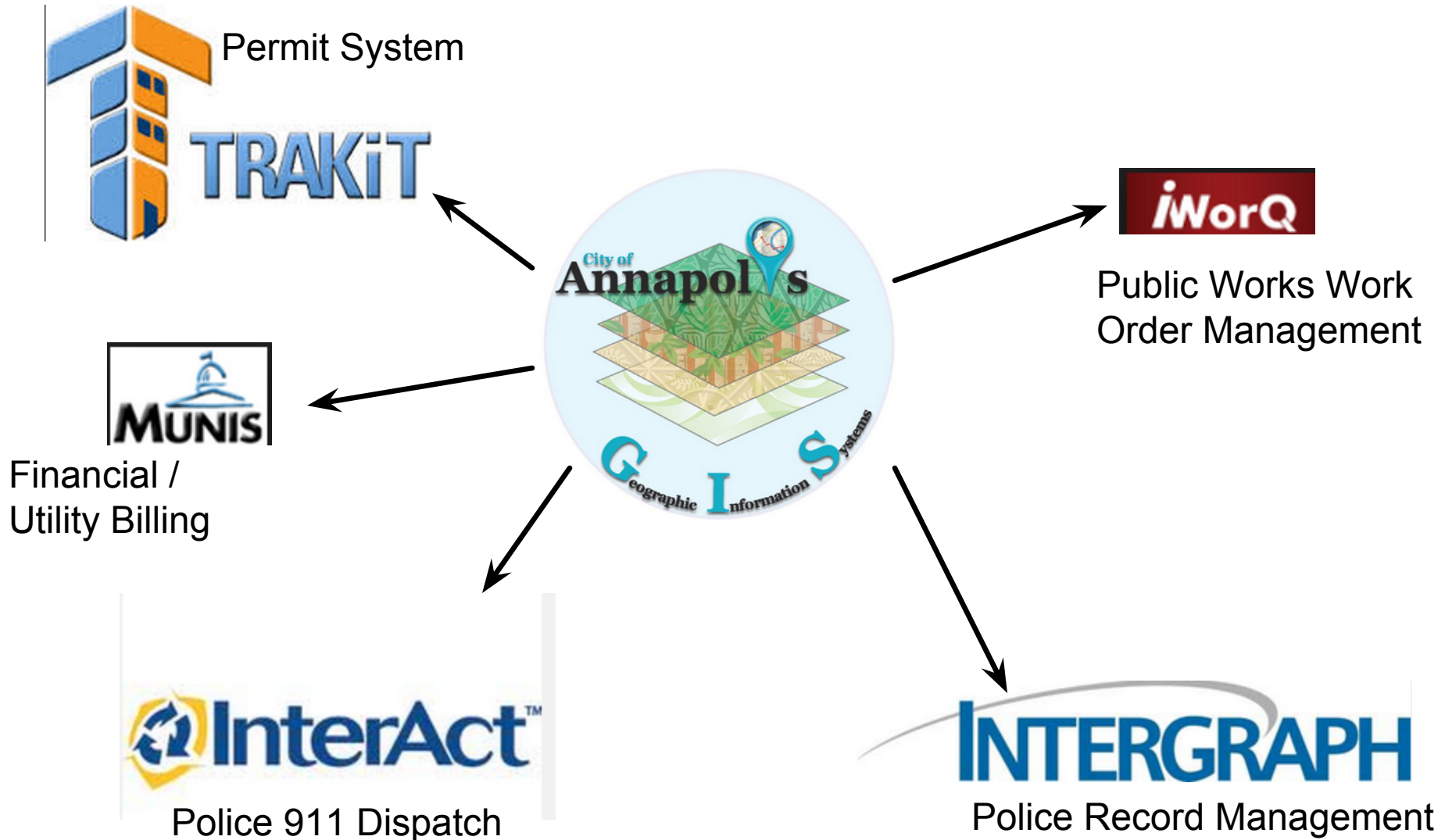


Why Not Just use Google Maps?

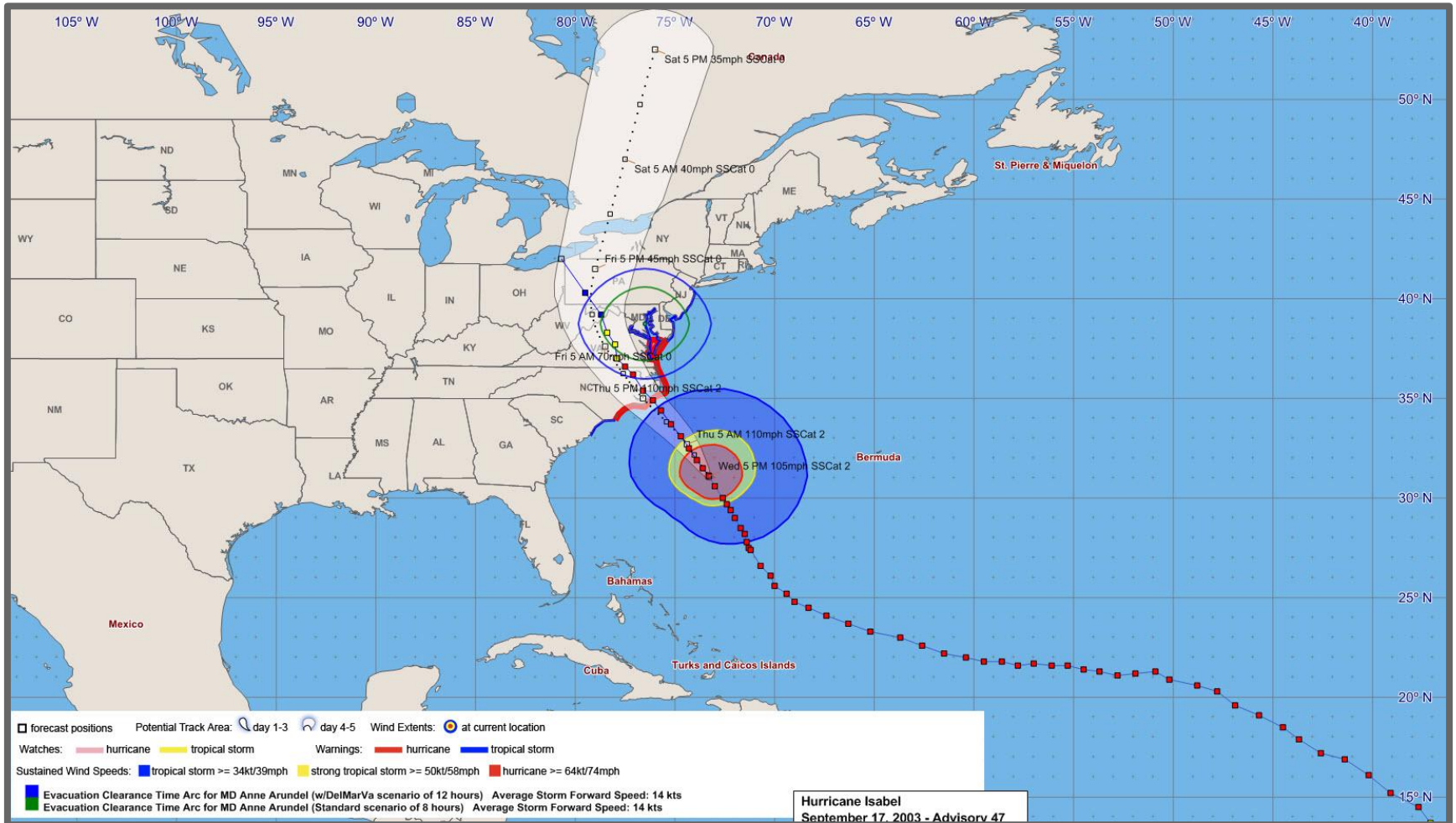
- If just looking for a simple location....we should
- If need analysis.....doesn't do it.
- We are improving google maps!
 - We report issues
 - Request changes
 - Considered super user



GIS in Other City Applications



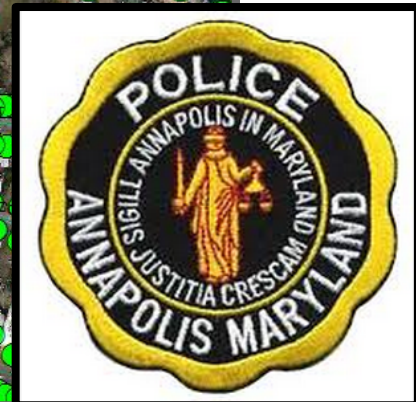
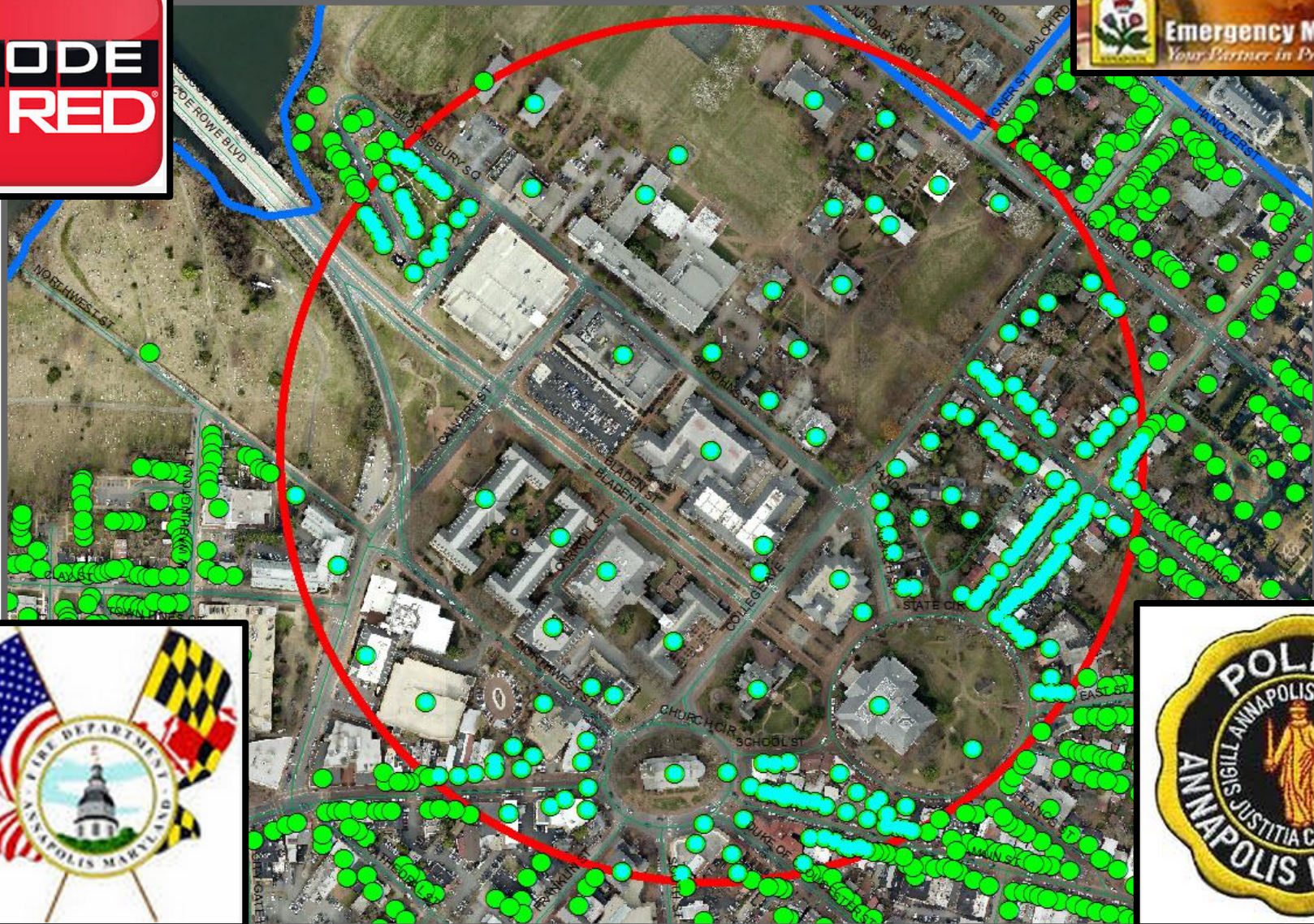
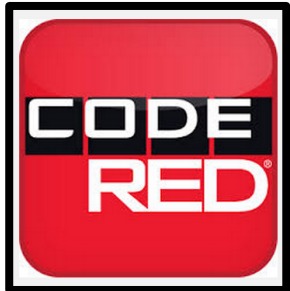
Hurricane Tracking



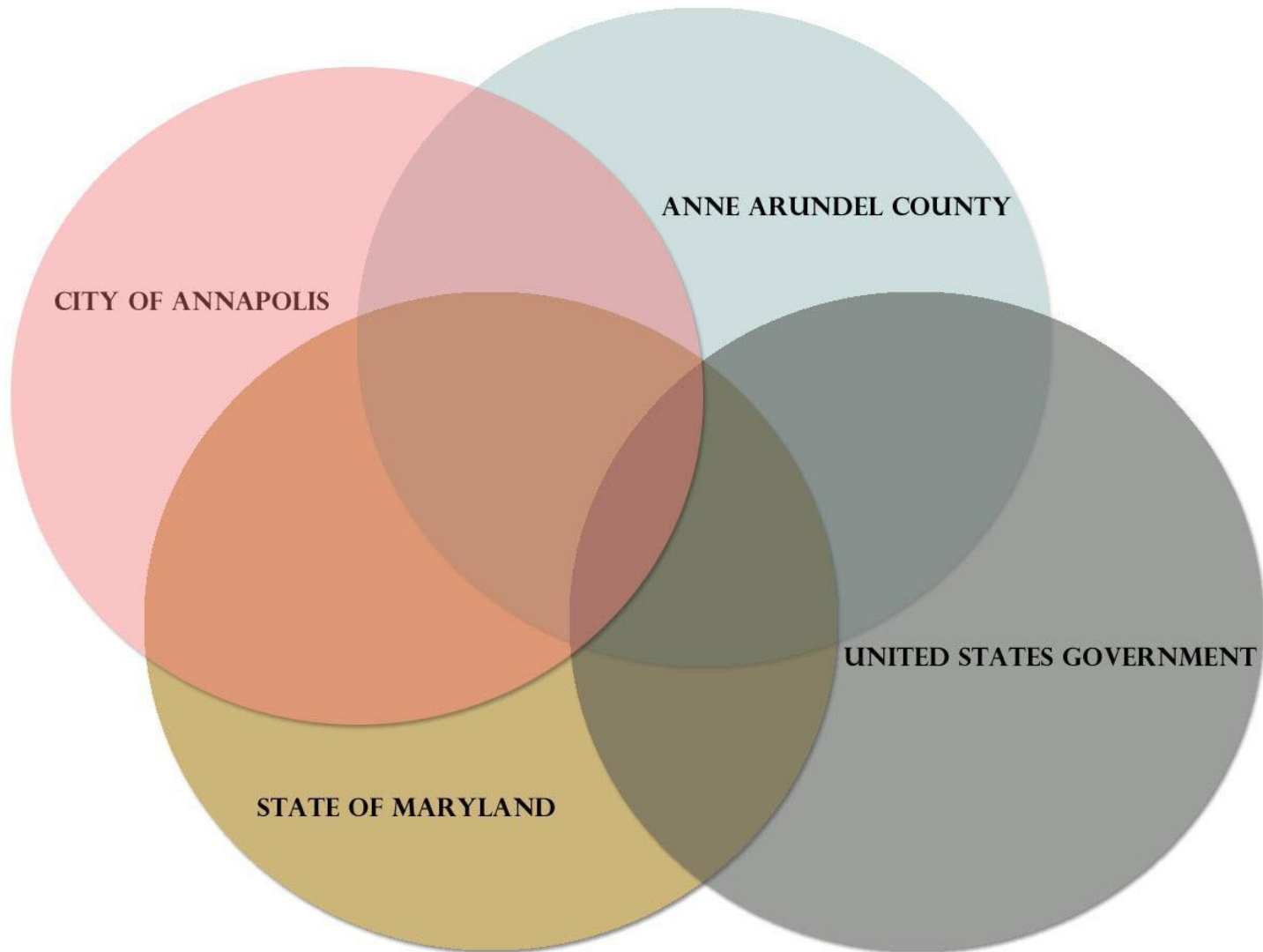
Flood Monitoring



Public Notification



Part of a Bigger Picture



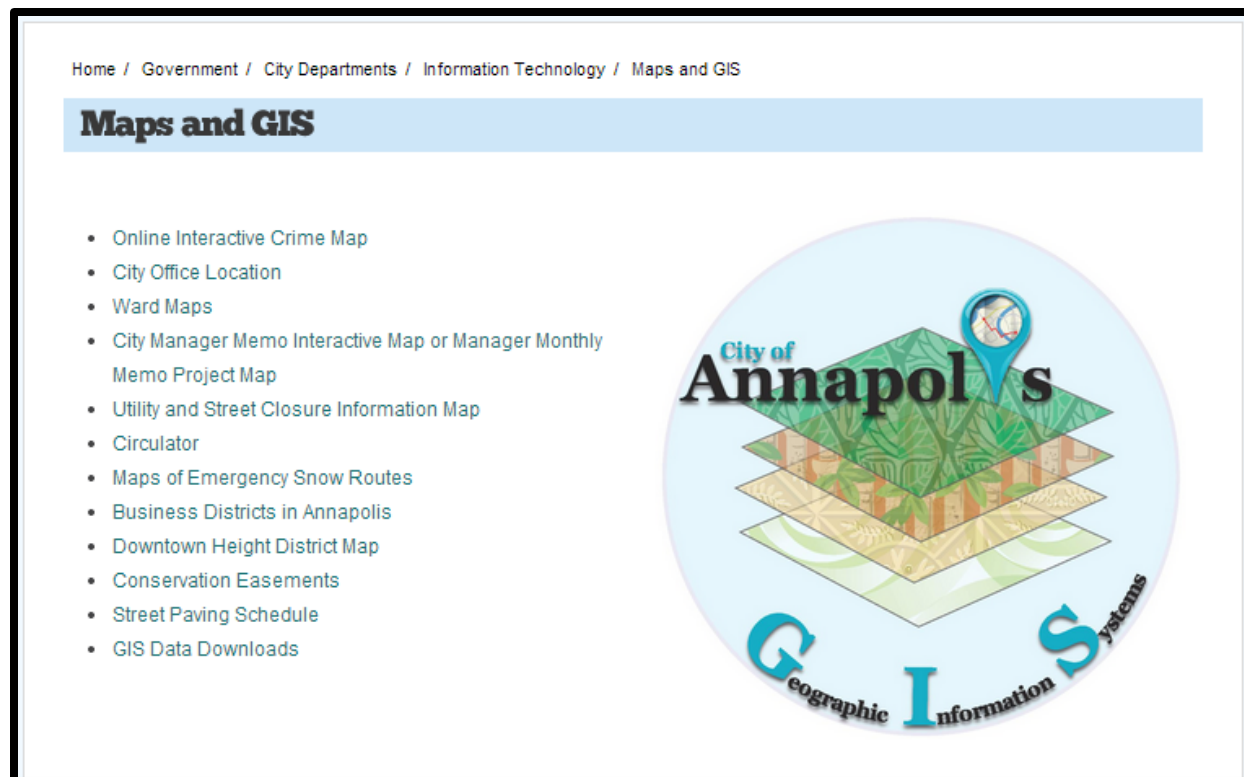
Demos

- How did Annapolis get its current shape?
- Create map of permits issued in 2013
- Rehab Sewer Pipe
 - 2000 feet of pipe that is older than the year 1930
- Find new business location
 - In a revitalization district
 - Mixed Use District
 - Vacant lot
 - Along a major road
- USGS Map



How can I see some of this data?

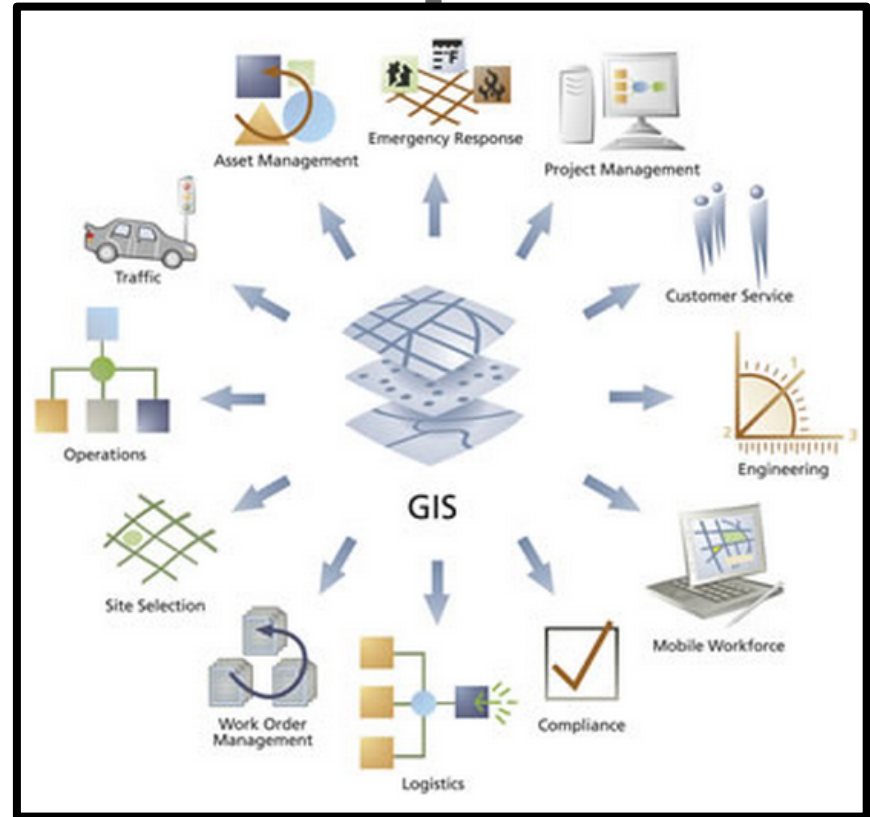
- Maps and GIS Link on Annapolis.gov
- Maps and GIS one of the City's top ten web hits!
- Public Data Downloads
- How can we better serve the public?



Public Sites to Check Out

- City of Annapolis
 - <http://www.annapolis.gov/government/city-departments/information-technology/maps-and-gis>
- Anne Arundel GIS
 - <http://www.aacounty.org/planzone/researchdiv/gishome.cfm#.U71ZhPIdW4I>
- USGS Topo Site
 - <http://historicalmaps.arcgis.com/usgs/index.html>
- MD IMAP
 - <http://imap.maryland.gov/Pages/map-gallery.aspx>

So Why is Where Important



- Save Money
- Save Time
- Better more effective use of resources and staff time
- Accurate and consistent information to the public

Questions

